

Message Text

LIMITED OFFICIAL USE

PAGE 01 BOMBAY 00631 101106Z
ACTION NEA-10

INFO OCT-01 ISO-00 ACDA-12 CIAE-00 INR-10 IO-13 L-03
NSAE-00 EB-08 NRC-05 OES-07 SOE-02 DODE-00 DOE-11
SS-15 SP-02 CEQ-01 SSO-00 INRE-00 NSCE-00 DOEE-00
/100 W

-----054510 101115Z /17

O R 101047Z MAR 78
FM AMCONSUL BOMBAY
TO SECSTATE WASHDC IMMEDIATE 8089
INFO AMEMBASSY NEW DELHI

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E.O. 11652: N/A
TAGS: MNUC, IN, VN
SUBJECT: INDIAN NUCLEAR COOPERATION WITH OTHER COUNTRIES

REF: STATE 59977

1. THERE FOLLOWS CONGEN RESPONSE TO FIRST POINT PARA 3 REFTEL.
2. THE BHABHA ATOMIC RESEARCH CENTER (BARC) IS THE LARGEST AND MOST PROMINENT PART OF INDIA'S NUCLEAR PROGRAM. IT EMPLOYS ABOUT 10,000 SCIENTISTS, ENGINEERS AND TECHNICIANS, AND ITS ACTIVITIES ENCOMPASS ALMOST THE FULL RANGE OF NUCLEAR PROGRAMS.
3. BARC HAS AN EXTENSIVE PROGRAM OF BASIC RESEARCH ALTHOUGH MOST OF ITS PROGRAMS ARE IN THE FIELD OF APPLIED SCIENCE. IT HAS EXTENSIVE PROGRAMS IN PHYSICS, METALLURGY, CHEMISTRY, ISOTOPES, MEDICINE, ELECTRONICS AND INSTRUMENTATION, AGRICULTURE, FOOD, REACTORS, ORES, AND FUELS.
4. BARC ALSO HAS ENGINEERING CAPABILITY TO CARRY THE RESULTS OF ITS RESEARCH TO OPERATIONAL STAGE. FOR EXAMPLE IT DESIGNED KOTA HEAVY WATER PLANT AND IS SUPERVISING

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ERECTION OF THAT PLANT. IT HAS BUILT AND IS OPERATING
REPROCESSING AND WASTE STORAGE PLANTS.

5. BARC'S PRINCIPAL INSTALLATION IS LOCATED AT TROMBAY, A SUBURB 12 MILES FROM DOWNTOWN BOMBAY. HOWEVER, BARC OPERATES OTHER INSTALLATIONS OVER THE WIDTH AND BREADTH OF THE COUNTRY.

6. BARC OPERATES TRAINING PROGRAMS HAVING HUNDREDS OF STUDENTS SIMULTANEOUSLY. PROGRAMS IN NON-SENSITIVE AREAS ARE OPEN TO FOREIGN GOVERNMENTS AND IN PAST DECADE HUNDREDS OF FOREIGNERS HAVE BEEN TRAINED BY BARC. HOWEVER, PROGRAMS SUCH AS REPROCESSING OF SPENT FUEL AND RADIO CHEMISTRY ARE NOT OPEN TO FOREIGNERS.

7. DECLASSIFY ON RECEIPT.
COURTNEY

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NNN

Message Attributes

Automatic Decaptioning: X
Capture Date: 01 jan 1994
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: NUCLEAR AGREEMENTS
Control Number: n/a
Copy: SINGLE
Draft Date: 10 mar 1978
Decaption Date: 01 jan 1960
Decaption Note:
Disposition Action: RELEASED
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment: 25 YEAR REVIEW
Disposition Date: 20 Mar 2014
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1978BOMBAY00631
Document Source: CORE
Document Unique ID: 00
Drafter: n/a
Enclosure: n/a
Executive Order: N/A
Errors: N/A
Expiration:
Film Number: D780107-1159
Format: TEL
From: BOMBAY
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1978/newtext/t19780384/aaaactid.tel
Line Count: 72
Litigation Code IDs:
Litigation Codes:
Litigation History:
Locator: TEXT ON-LINE, ON MICROFILM
Message ID: d8b7acc9-c288-dd11-92da-001cc4696bcc
Office: ACTION NEA
Original Classification: LIMITED OFFICIAL USE
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 2
Previous Channel Indicators: n/a
Previous Classification: LIMITED OFFICIAL USE
Previous Handling Restrictions: n/a
Reference: 78 STATE 59977
Retention: 0
Review Action: RELEASED, APPROVED
Review Content Flags:
Review Date: 13 may 2005
Review Event:
Review Exemptions: n/a
Review Media Identifier:
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
SAS ID: 3378751
Secure: OPEN
Status: NATIVE
Subject: INDIAN NUCLEAR COOPERATION WITH OTHER COUNTRIES
TAGS: MNUC, IN, VM
To: STATE
Type: TE
vdkgvwkey: odb://SAS/SAS.dbo.SAS_Docs/d8b7acc9-c288-dd11-92da-001cc4696bcc
Review Markings:
Sheryl P. Walter
Declassified/Released
US Department of State
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